**international journal of pharmaceutics**

**VOL. 209 NOS. 1–2** **CONTENTS** **19 NOVEMBER 2000**

*Cited in: BIOSIS/Biological Abstracts, CAB Abstracts, Chemical Abstracts Service, Current Contents (Life Sciences, Clinical Medicine), EMBASE/Excerpta Medica, Elsevier BIOBASE/Current Awareness in Biological Sciences, International Pharmaceutical Abstracts, MEDLINE/Index Medicus, PASCAL M, Science Citation Index*

*Research papers*

Ketorolac entrapped in polymeric micelles: preparation, characterisation and ocular anti-inflammatory studies
A.K. Gupta, S. Madan, D.K. Majumdar, A. Maitra (India) 1

Validation and in vitro characterization of antibiotic-loaded bone cement release
P. Frutos Cabanillas, E. Díez Peña, J.M. Barrales-Rienda, G. Frutos (Spain) 15

Micro-scale measurement of the mechanical properties of compressed pharmaceutical powders. 1: The elasticity and fracture behavior of microcrystalline cellulose
B.C. Hancock, S.-D. Clas, K. Christensen (Canada) 27

Enhanced bioavailability by buccal administration of triamcinolone acetonide from the bioadhesive gels in rabbits
S.-C. Shin, J.-P. Bum, J.-S. Choi (South Korea) 37

Water uptake and relaxation processes in mixed unlimited swelling hydrogels
V. Michailova, S. Titeva, R. Kotsilkova, E. Krusteva, E. Minkov (Bulgaria) 45

Comparison of in vitro dissolution profiles by ANOVA-based, model-dependent and -independent methods
N. Yuksel, A.E. Kanık, T. Baykara (Turkey) 57

Application of acid-treated yeast cell wall (AYC) as a pharmaceutical additive. II: effects of curing on the medicine release from AYC-coated tablets
H. Yuasa, J. Kaneshige, T. Ozeki, T. Kasai, T. Eguchi, N. Ishiwaki (Japan) 69

An investigation into the efficacy of the pectin based anti-reflux formulation-Aflurax
E.T. Waterhouse, C. Washington, N. Washington (UK) 79

Evaluation of pharmacokinetics and pharmacodynamics of captopril from transdermal hydrophilic gels in normotensive rabbits and spontaneously hypertensive rats
P.-C. Wu, Y.-B. Huang, J.J.-F. Chang, J.-S. Chang, Y.-H. Tsai (Taiwan, ROC) 87

Statistical testing of drug accumulation in skin tissues by linear regression versus contents of stratum corneum lipids
H. Loth, G. Hauck, D. Borchert, F. Theobald (Germany) 95

Enhancing effect of polyoxyethylene alkyl ethers on the skin permeation of ibuprofen
E.-S. Park, S.-Y. Chang, M. Hahn, S.-C. Chi (South Korea) 109

*Noticeboard* 121

*Author index* 125

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0378-5173(20001119)209:1:2;1-0

**05049**